

IFW

03500.017559

PATENT APPLICATION



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:)	Examiner: Not Yet Assigned
MAKI OKAJIMA ET AL.)	
Application No.: 10/527,192)	Group Art Unit: 1714
Filed: March 10, 2005)	
For: PHENANTHROLINE)	
COMPOUND AND ORGANIC)	
LIGHT EMITTING DEVICE)	
USING SAME)	February 15, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed foreign documents and articles are also enclosed.

The concise explanation of relevance for the non-English documents is found in the specification where cited, or in an attached abstract.

The Examiner's attention is also directed to the following U.S. Applications:

<u>APPLICATION NO.</u>	<u>FILING DATE</u>	<u>GROUP ART UNIT</u>
11/272,726	November 15, 2005	1774
11/236,649	September 28, 2005	2811

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



Peter Saxon
Attorney for Applicants
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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

ATTY DOCKET NO.
03500.017559

APPLICANT
MAKI OKAJIMA

FILING DATE
March 10, 2005

APPLICATION NO.
10/527,192

GROUP
1714



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,539,507	9/1985	VanSlyke et al.	313	504	
	4,720,432	1/1988	VanSlyke et al.	428	457	
	4,885,211	12/1989	Tang et al.	428	457	
	5,130,603	7/1992	Tokailin et al.	313	504	
	5,151,629	9/1992	VanSlyke et al.	313	504	
	5,227,252	7/1993	Murayama et al.	428	690	
	5,247,190	9/1993	Friend et al.	277	40	
	5,317,169	5/1994	Nakano et al.	257	40	
	5,382,477	1/1995	Saito et al.	428	690	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
JP	05-247460	9/1993	Japan			Abstract
JP	05-202356	8/1993	Japan			Abstract
JP	07-82551	3/1995	Japan			Abstract
JP	09-202878	8/1997	Japan			Abstract
JP	09-227576	9/1997	Japan			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)


	Case, "Substituted 1,10Phenanthrolines, IV, Bromo Derivatives", J. Org. Chem. 16, pp. 941-945 (1951).
	Tang et al., "Organic electroluminescent diodes", Appl. Phys. Lett. 51, (12) 913-915 (Sept. 1987).
	Burroughs et al., "Light-emitting diodes based on conjugated polymers", Nature, 347, 539-541 (Oct. 1990).
	Tzalis, et al., "Simple One-Step Synthesis of Metal Chelates", Tetrahedron Letters, 36, 20, 3489-3490 (1995).

/Rita Desai/

DATE CONSIDERED

02/28/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)			ATTY DOCKET NO. 03500.017559		APPLICATION NO. 10/527,192		
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			APPLICANT MAKI OKAJIMA				
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			FILING DATE March 10, 2005				GROUP 1714
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,393,614	2/1995	Nakada, H.	428	690	
		5,409,783	4/1995	Tang et al.	428	690	
		5,514,878	5/1996	Holmes et al,	257	40	
		5,672,678	9/1997	Holmes et al,	528	373	
		5,726,457	3/1998	Nakano et al.	257	40	
		6,010,796	1/2000	Kijima, Y.	428	690	
		6,093,864	7/2000	Tokailin et al.	585	25	
		6,929,873	8/2005	Tsuboyama et al.	428	690	3/5/2003
		6,972,334	12/2005	Shibanuma et al.	546	88	11/2000
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO OR ABSTRACT
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Miyaura et al., "Palladium-Catalyzed Cross-Coupling Reactions of Organoboron Compounds", Chem. Rev. <u>95</u> , 2457-2483 (1995).					
		Baldo et al., "Highly efficient phosphorescent devices", Nature, <u>395</u> , 151-154 (Sept. 1998).					
/Rita Desai/				DATE CONSIDERED 02/28/2008			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.